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MARTIN'S TAILOR SYSTEM

FOR

DRESS AND CLOAK CUTTING

OR

Dressmaking Self-Taught,

BY

JAMES A. MARTIN,

PEORIA, - ILLINOIS,

1888.

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AT no time in the history of the art of Dressmaking, has there been such a demand for a system of Dress and Cloak Cutting that would enable one to cut their garments in a satisfactory manner, without having to go through a school of instructions, at a great expense as at the present day. Indeed, the knowledge of Dress and Cloak Cutting is sought after by almost every lady and tailor of to-day.

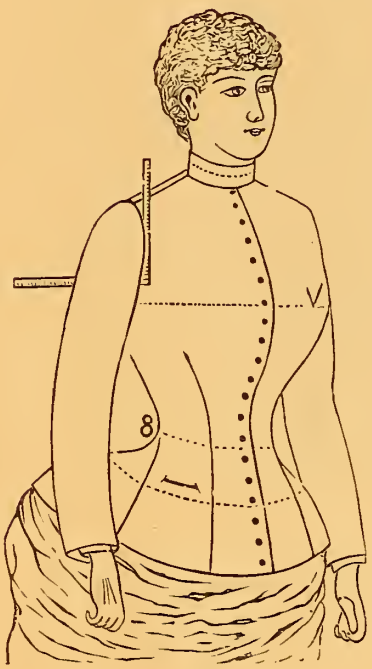
In the following pages I have endeavored to supply that long felt want. The system herein taught and explained, is of the simplest form, and one that will be easily understood. The drafts are reduced to a convenient size for publication, and can be transfered to reglar size by the common square by following the directions I have given. It is true, you will wish to produce many different shapes that would be impossible to give in a book of this size, but as all systems consist only in certain points and foundation lines, one must be guarded by sound judgment and a correct measure, with some ability also to form artistic lines, or in other words, one must adapt himself to modern styles and fashions of the day.

I have endeavored to draft and explain in a plain way, so that any intelligent person will understand simply by reading.

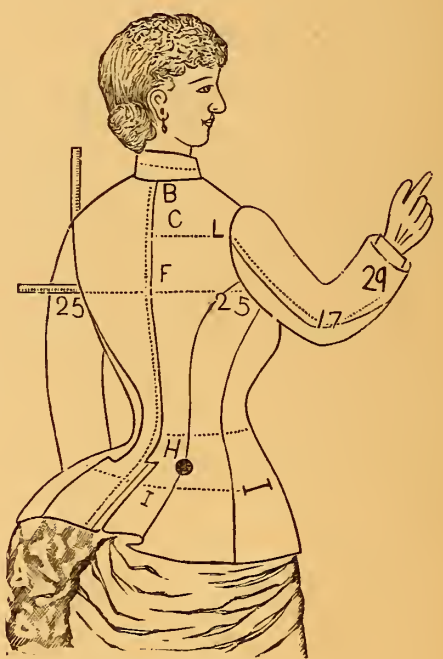
The draft of ladies' shoulder cape is well worth study, and if cut and made as I have instructed, will be a pleasure as well as to give a fine cape for a cool evening's wear. With the hope that I have not labored in vain, and that the work will be a benefit to others, as well as satisfying my own ambition, I am

Very truly yours,

J. A. MARTIN, Author.



FRONT VIEW.



BACK VIEW.

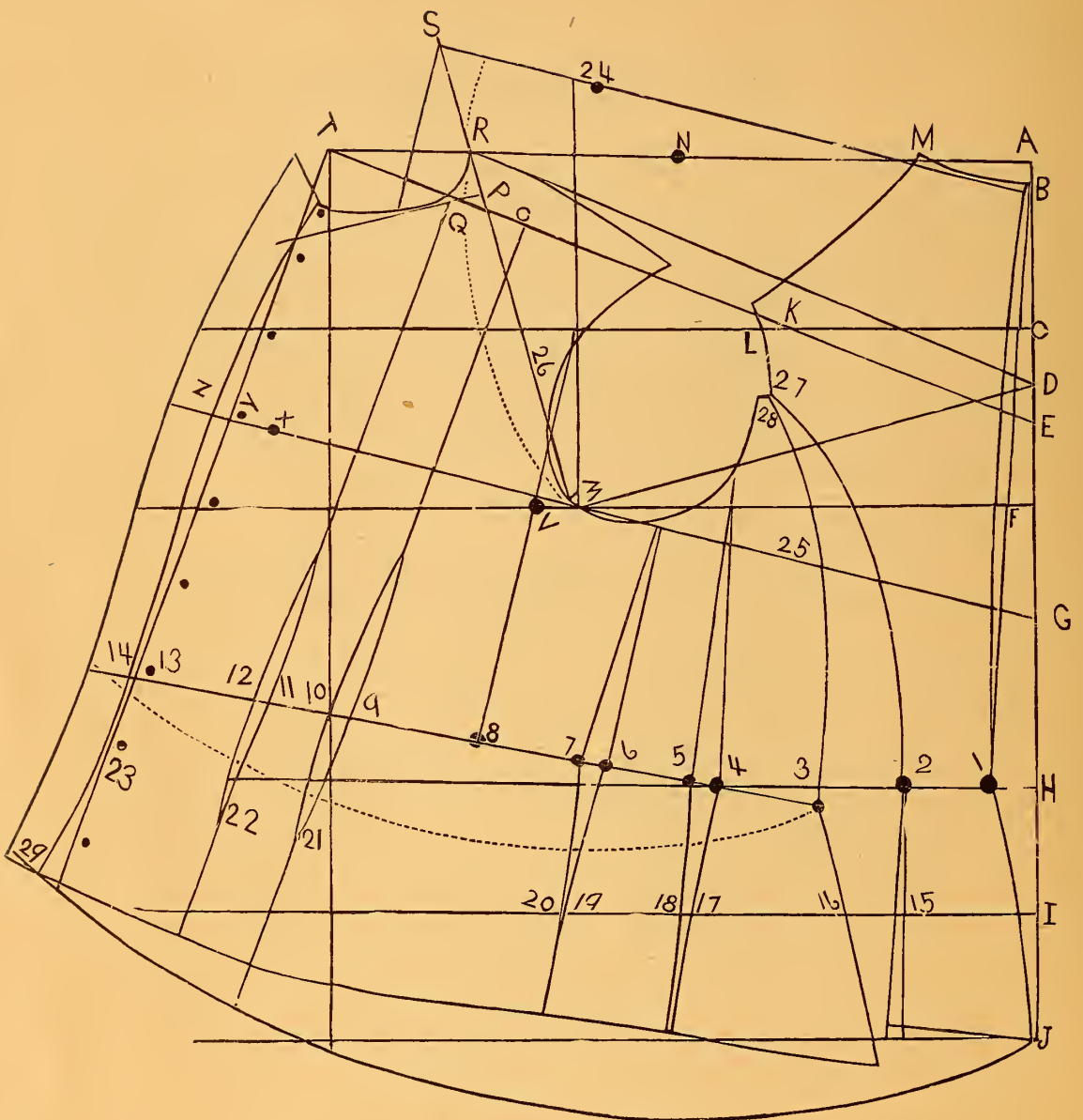
Instructions for Measuring.

Place the square under left arm, with short arm perpendicular pointing up; let the square touch the front of arm solidly; mark a point as at V, and another at 25; reverse the square corner at V, long-arm at 25, short arm at waist; mark a point at 8. Now place the square in same position under right arm and make a mark at 25 on right side. Take the tape measure and draw it across the back so as to touch each the points 25 and 25 on right and left sides; make a point on center of back as at F, also make a dot at half way between F and B, as at C, and another point at hollow of waist as at H, and a dot at I.

Proceed to Measure as Follows:

B to C, $3\frac{3}{4}$; B to F, $7\frac{1}{2}$; B to H, 15; B to I, $18\frac{1}{2}$; B to J, 22 or length required. Place end of tape at C on back seam and measure to L, 6; to elbow, 17; full length 29. End of tape at V, measure to F, 10; and up to C, 11; and B, $13\frac{1}{2}$. Under short measure: End of tape at V as before, measure over front of shoulder to B, $10\frac{1}{2}$, on to C, 12, and to F, $14\frac{1}{2}$ inches. Called over measures. End of tape still at V, measure down to 8, for waist line $7\frac{1}{2}$ inches; also from V to *Z, 7 inches. Now place end of tape at 8, measure back to H, $6\frac{1}{2}$ inches. Bust, measure close around the bust at the fullest part, close up under the arms, 34; draw the tape very close, around the waist in same manner, 24; around hip, at I, (take this measure easy,) 38 to 40; around the neck, $14\frac{1}{2}$; around the sye, 14 to 15 inches. This completes the form of measurement.

*Look on Draft for Z.



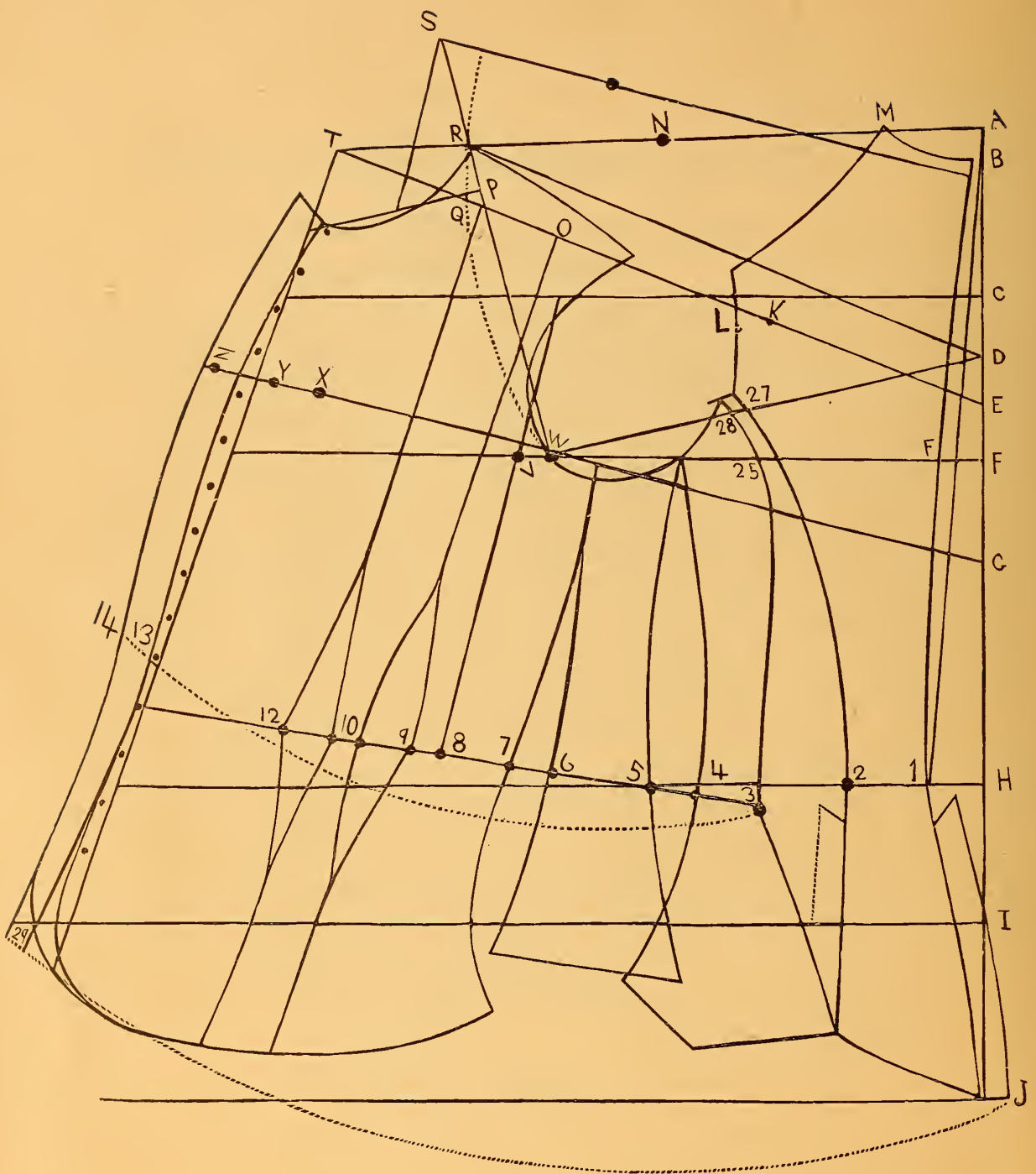
LADIES' SHORT JACKET.

Instructions for Drafting Ladies' Sacks, Bodice and Cloak.

The draft of Short Sack or Walking Coat on page 6 is produced as follows, viz:

Commence by squaring lines A, J and A, T, A to F is $\frac{1}{2}$ on division of halves, A to C is $\frac{1}{4}$. Place depth of Sye $7\frac{1}{2}$ (or measure) at F, mark $3\frac{3}{4}$ at C, end of tape at B. B to H is waist length 15, to I, $18\frac{1}{2}$ to J, 22 full length. Square out from C, F, H, I and J. A to M is $\frac{1}{6}$ bust, C to K is $\frac{1}{3}$ bust, K to L is 1-16, H to I is one inch always, 1 to 2 is $\frac{1}{8}$ or to fancy, F to W is to $\frac{2}{3}$, W to V is one 1-12. Square up from W. G is $3\frac{1}{4}$ inches from F in all sizes. Draw line from G through W to Z. Square up to 26 and down to 8. V to 8 is $7\frac{1}{2}$ inches (or measure taken). Apply waist measure from 1 to 13, reducing as required by V's, as at 4, 7, 9 and 12, taking out same at each V equal; allow $\frac{1}{2}$ inch to each seam. From 2 to 3 is 3 inches in most cases. Get length of back from 27 to 2, apply to 28 and 3. Sweep from W to R by B, for neck point. Place angle of square at W; long arm at D, short arm at R. Draw lines to S D and R D; E is 1-12 from D. Draw line from E to T; P is 1-12 from R, R to S is $\frac{1}{8}$. Draw line from S to B; 24 is $\frac{1}{4}$ from S. N is half-way from A to T; T is half bust measure and 1 inch added; 18 inches in all from A. Sweep from 3 to 13 by 24. Sweep from J to 29 by N. Q is 1-16 from P; O is $\frac{1}{8}$ from Q. Square down from Q and O by line E T to 22 and 21. Top end of darts is $\frac{1}{6}$ bust from line G, W and Z. F to X is 17 inches, or half bust measure; X to Y is one inch, Y to Z is $1\frac{1}{2}$ inches. Square down from T by line E to 29. Shape as per cut. The neck gorge may be raised or lowered, to style or fancy.

P. S.—Point R, may be moved 1 inch forward if desired.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The Draft of Ladies' Bodice on Opposite Page is Drafted in Same Manner as Instructed on Pages 5 and 7.

The measures taken are same as given on pages 4 and 5, and will stand in measure book as follows, viz:

$3\frac{1}{2}$, $7\frac{1}{2}$, 15, 18, 20, down back to full length; C to L, $5\frac{1}{2}$, 18 and 29, full length of sleeve. From V to center of back $9\frac{1}{4}$, $10\frac{1}{4}$, $12\frac{1}{4}$. First short measures. From center of back seam to V in front; $10\frac{1}{2}$, $12\frac{1}{2}$, 15, second short measures. From 8 to center of back at H; $7\frac{1}{2}$, third short measure. From V to 8, or waist line, 7. Fourth short measure. From V to Z, 7. 32, bust measure, taken close around under arms; 24, waist; 40, hip, taken at I, and easy.

Sometimes I take three other measures, as follows: $5\frac{1}{2}$ from R to end of shoulder; 14 around armhole or sye; 14 around neck. The neck gorge may be raised or lowered according to style or fancy. Also point R and T can be moved forward 1 inch with good results in some cases. The sleeve is drafted and cut same as on page 7. Always add 2 inches to bust measure in cutting by division on square, as instructed on page 15.

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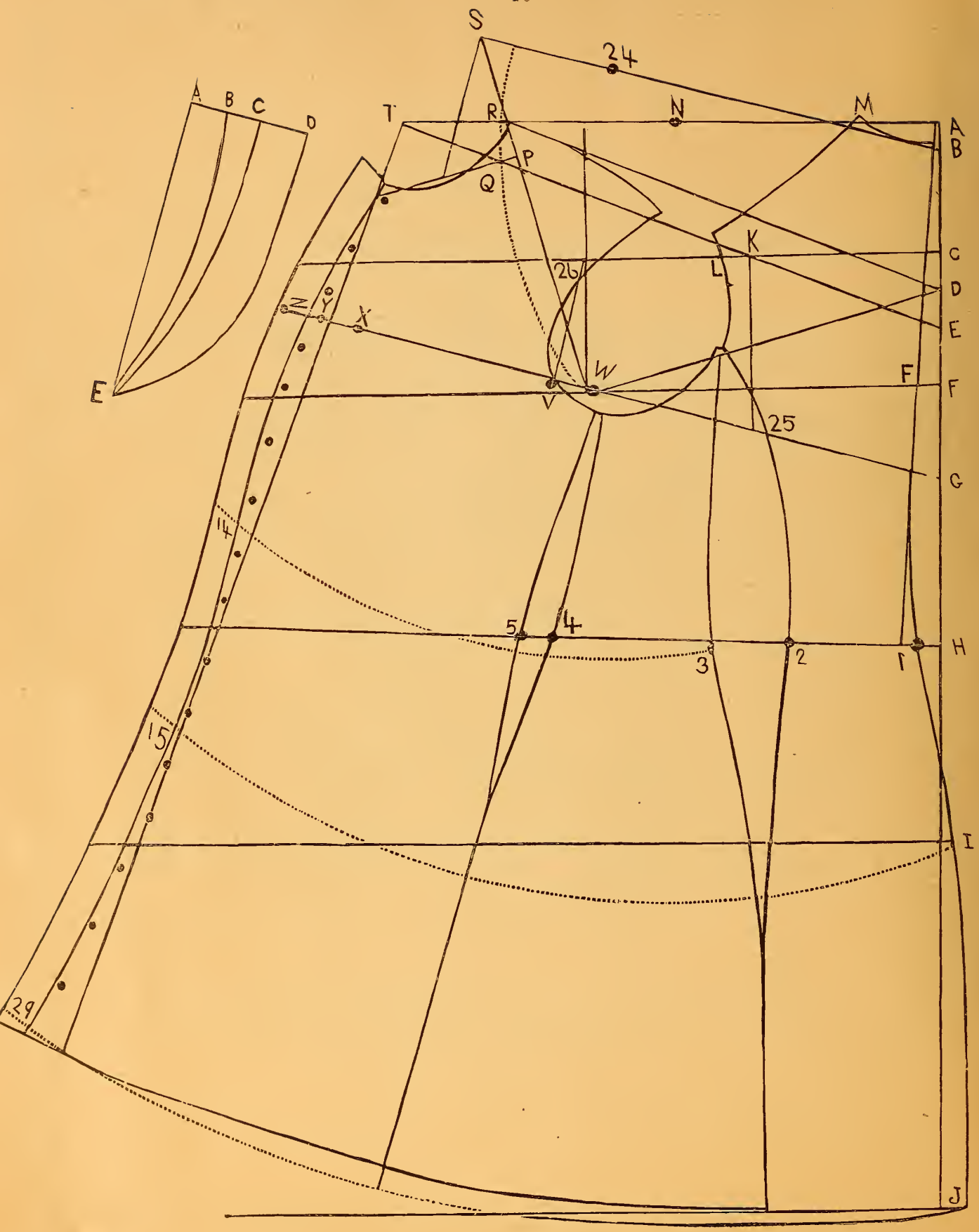
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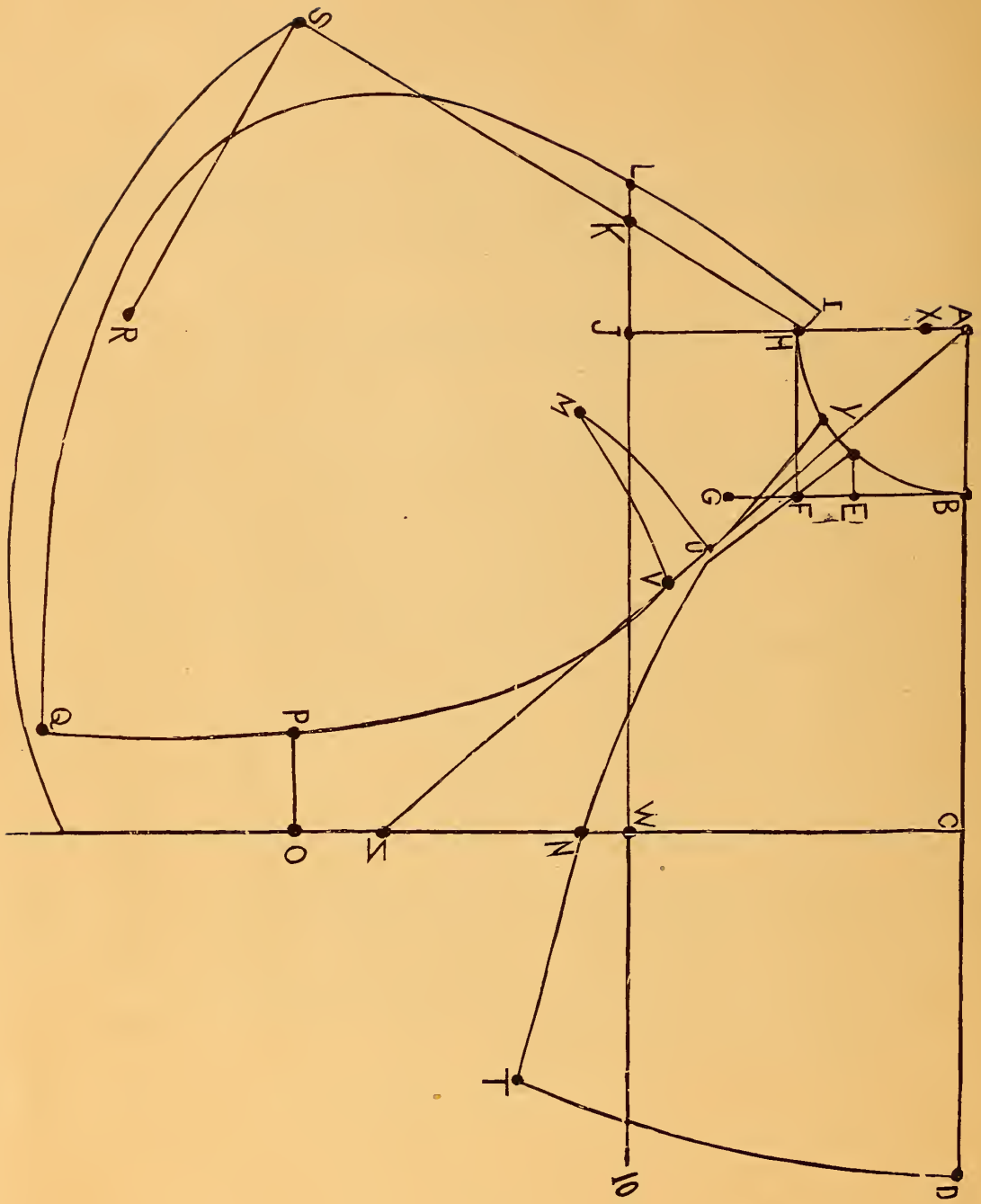
The Measures to Produce the Draft on Opposite Page All Take Same as Instructed on Page 5.

TO DRAFT.

Commence by squaring lines A, J and T; A to B is $\frac{3}{4}$ inches; B to C is $3\frac{3}{4}$ inches, or measure taken; B to F is $7\frac{1}{2}$ inches, or measure to H waist length 15. To H $18\frac{1}{2}$ and J; 42 full length. Square lines C, F, H, I and J. A to M is $\frac{1}{6}$ bust; C to L is 6 inches, or width of back; H to I is 1 one inch. Draw line from 1 to B. F to W is 10 inches, or first under measure; add $1\frac{1}{4}$ to V for seams. Sweep from W to R by B for neck point. (Point R may be moved forward 1 inch if desired. T will also be 1 inch further forward.) V to S is 10 inches or fist over measure; add $\frac{1}{2}$ inch for seam. Draw line from S to B. 24 is $\frac{1}{4}$ bust from S; T is 18 inches from A, or 1 inch more than half bust; N is half way between A and T; G is $3\frac{1}{4}$ inches from F. Draw line through W to Z, from G. X is half bust, 17 inches from F. Add 1 inch to Y and $1\frac{1}{2}$ inches to Z; E is 1-12 from D. Draw line from W to S, and W to D and to S; also D to T; R to P is 1-12. Shape neck gorge high or low at front, as to style or fancy. Square down from T by line, T and E to 29. Sweep from 3 to 14 by 24; sweep from J to 29 by N. From 2 to 3 is $3\frac{1}{2}$ inches, more or less, as required. From 4 to 5 is 2 inches, more or less, as required. Shape as represented; spring back at J about $1\frac{1}{2}$ inches from base line.

The sleeve is same as on page 14.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How to Measure for Cape.

B to D, full length 18 inches; Y to U 6 inches; round neck, B to H, through Y 7½ inches; around bust 34. (In cutting add 2 inches, same as in sacks; thus 36 bust.) This is all the measures required.

TO DRAFT.

Draw lines A, B, D and A J; A to B is ¼, bust on division of halves; B to C is ½, bust B to D, full length, 18 inches. Square out lines B, C and D. B to E ⅙ bust; B to F is ¼; B to G is ⅓. Square up to Y 1-12. Square up from F to H; add 1 inch to 1; A to J is ½. Square up to L and down to 10. J to K is ⅙; K to L is one inch always; C to O is 17 inches, or half bust measure; O to Z is ⅛. Draw line from Z to A through Y. Y to U is 6 inches or shoulders measure; O to P is ⅙; M to N is 1-12; A to X is 1-12. Sweep from D to I by X. Draw line from H to S through K. S is same distance from Y as B is from D, 18 inches. Square back from S to R ½; from R to Q is 10 inches. Sweep from S by U to Q. U to W is ¼ bust; U to V is 1¼ inch always. Sweep from B to H by A for cuvre of neck. Take out ¾ inch at Y in all cases equal on each side of A Z. Finish as represented.

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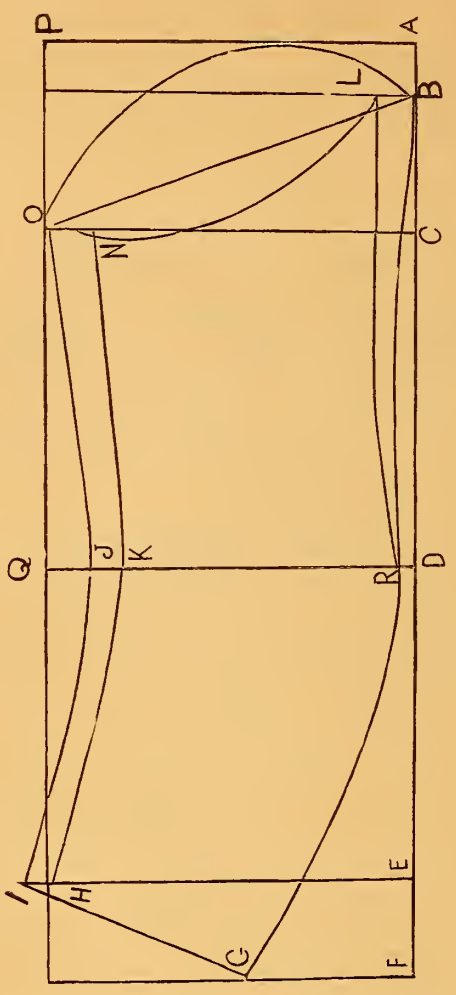

TO DRAFT SLEEVE.

Commence by squaring lines A F and A P; A to B is 1-12. A to C is $\frac{1}{4}$ to D, elbow and G, full length. Square lines B, C, D and F; C to O is $\frac{1}{2}$; N is $\frac{3}{4}$ inches from O, L is 1 inch from B, I is $\frac{3}{4}$ inches from H, G is 5 inches from H, or to fancy J is $1\frac{1}{2}$ inches from Q, K is $\frac{3}{4}$ inches from J. Shape as represented.

It is well always to measure armholes and apply to sleeve head. B to O should always be half of sye measure.

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How to Learn the Divisions on the Tailor's Square

CALLED THIRDS AND FOURTHS.

First, in wanting to draft a pattern of any size you will select from measure book the bust measure taken as I have instructed. To this measure you will add 2 inches for all sizes under 37, and 1 inch for all sizes over 37 to 41, and all sizes over 41 use exact measure.

Now in first case the division for a 34 bust will be 36, and will stand thus on the square: $\frac{1}{4}$ is 18, $\frac{1}{8}$ is 18, $\frac{1}{3}$ is 18, $\frac{1}{6}$ is 18, $\frac{1}{2}$ is 18 and $\frac{2}{3}$ is 18; just so throughout the entire draft. In case of 36 bust add 2 inches, which is 38. The division will be on square 19 throughout draft. In case of 40 bust you will cut by 41 scale. The division will stand thus $20\frac{1}{2}$. In 42 bust cut by exact measure. The division will stand 22 in all cases; and so on from 24 to 48, bust size.

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